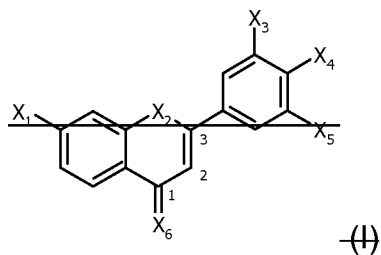
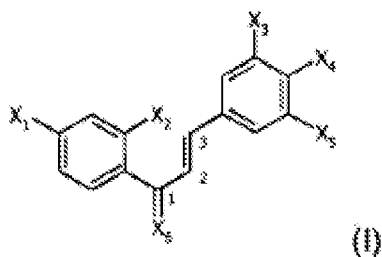


AMENDMENTS TO THE CLAIMS:

Amend the claims as follows:

Claims 1-68. (Canceled)

69. (Currently Amended) A compound of formula (I) :



in which :

X₁ is a halogen, -R₁, or -G₁-R₁,

X₂ is a hydrogen atom, thionitroso, hydroxy, alkylcarbonyloxy, unsubstituted alkyloxy, thiol, alkylthio, or an alkylcarbonylthio, ~~or oxygen or sulphur when X₂ is bound to carbon 3 of the propene chain,~~

X₃ is -R₃ or -G₃-R₃,

X_4 is a halogen, thionitroso, $-R_4$ or $-G_4-R_4$,

X_5 is $-R_5$ or $-G_5-R_5$,

X_6 is oxygen, ~~NH, N-OH or N-alkyloxy,~~

R_1 , R_3 , R_4 , and R_5 , which are the same or different, are hydrogen, or alkyl optionally substituted by a group 1 or group 2 substituent ,

G_1 , G_3 , G_4 , and G_5 , which are the same or different, are oxygen or sulfur ,

wherein at least one of the groups X_1 , X_3 , X_4 and X_5 is SR_1 , SR_3 , SR_4 and SR_5 , respectively , and

wherein at least one of R_1 , R_3 , R_4 and R_5 is alkyl containing at least one group 1 or group 2 substituent , said alkyl being bound directly to the ring containing said X_1 , X_3 , X_4 or X_5 , respectively, or being attached to G_1 , G_3 , G_4 or G_5 , respectively ,

wherein the group 1 substituents are selected from the group consisting of - $COOR_6$ and $-CONR_6R_7$, and

wherein the group 2 substituents are selected from the group consisting of - SO_3H and $-SO_2NR_6R_7$,

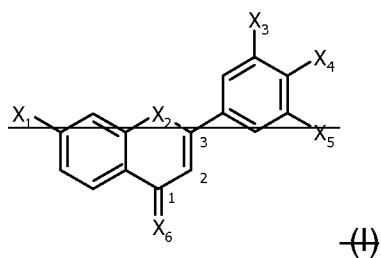
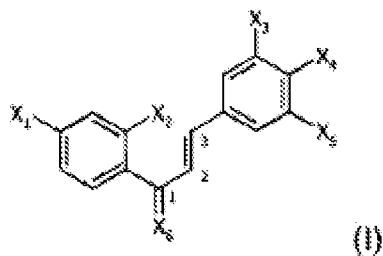
wherein R_6 and R_7 , which are the same or different, are hydrogen, or alkyl optionally substituted by at least one group 1 or group 2 substituent, and

the optical and geometric isomers, racemates, tautomers, salts, hydrates and mixtures thereof,

with the proviso that

when X_2 is hydrogen, X_1 is not $-G_1R_1$ where G_1 is oxygen and R_1 is CH_2COOH .

70. (Currently Amended) A compound of formula (I)



in which:

X_1 is a halogen, R_1 or $-G_1R_1$,

X₂ is hydrogen, thionitroso, hydroxy, alkylcarbonyloxy, unsubstituted alkyloxy, thiol, alkylthio, alkylcarbonylthio, ~~or sulphur when X₂ is bound to carbon 3 of the propene chain,~~

X₃ is -R₃ or -G₃-R₃,

X₄ is a halogen, thionitroso, -R₄ or -G₄-R₄,

X₅ is -R₅ or -G₅-R₅,

X₆ is oxygen, ~~NH, N-OH or N-alkoxy,~~

R₃, R₄, and R₅, which are the same or different, are hydrogen or an alkyl optionally substituted by a group 1 or a group 2 substituent,

R₁ is hydrogen, or an alkyl optionally substituted by a group 2 substituent,

G₁, G₃, G₄, and G₅, which are the same or different, are oxygen or sulphur wherein at least one of X₁, X₃, X₄ and X₅ is G₁R₁, G₃R₃, G₄R₄ and G₅R₅, respectively, and wherein none of X₃, X₄ and X₅ is hydrogen, and wherein at least one of R₁, R₃, R₄ or R₅ is an alkyl group containing at least one group 1 or group 2 substituent, said alkyl group being bound directly to the ring attached to said X₁, X₃, X₄ or X₅, respectively, or being attached to G₁, G₃, G₄ or G₅, respectively,

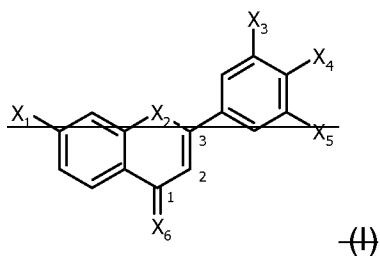
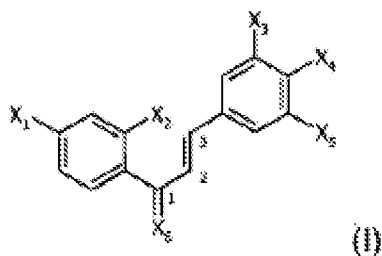
said group 1 substituents being selected from the group consisting of -COOR₆ and -CONR₆R₇,

said group 2 substituents being selected from the group consisting of $-\text{SO}_3\text{H}$ and $-\text{SO}_2\text{NR}_6\text{R}_7$,

wherein R_6 and R_7 , which are the same or different, are hydrogen or an alkyl optionally substituted by at least one group 1 or group 2 substituent, and

the optical and geometric isomers, racemates, tautomers, salts, hydrates and mixtures thereof.

71. (Currently Amended) A compound of formula (I)



in which :

X_1 is $-\text{G}_1-\text{R}_1$, wherein G_1 is oxygen and R_1 is $-\text{C}(\text{CH}_3)_2\text{COOR}_6$,

X₂ is hydrogen, thionitroso, hydroxy, alkylcarbonyloxy, unsubstituted alkyloxy, thiol, alkylthio, alkylcarbonylthio, ~~or sulphur when X₂ is bound to carbon 3 of the propene chain,~~

X₃ is -R₃ or -G₃-R₃,

X₄ is a halogen, thionitroso, -R₄, or -G₄-R₄,

X₅ is -R₅ or -G₅-R₅,

X₆ is oxygen, ~~NH, N-OH or N-alkoxy,~~

R₃, R₄, and R₅, which are the same or different, are hydrogen, or alkyl optionally substituted by a group 1 or group 2 substituent ,

G₃, G₄, and G₅, which are the same or different, are oxygen or sulfur,

wherein none of the groups X₃, X₄ and X₅ is hydrogen, and at least one of the groups R₁, R₃, R₄ and R₅ is an alkyl substituted by at least one group 1 or group 2 substituent, said alkyl being bound directly to the ring bearing the X₁, X₃, X₄ or X₅, respectively, or being bound to the G₁, G₃, G₄ or G₅, respectively,

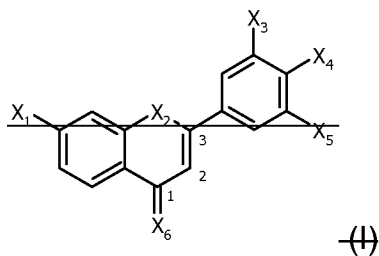
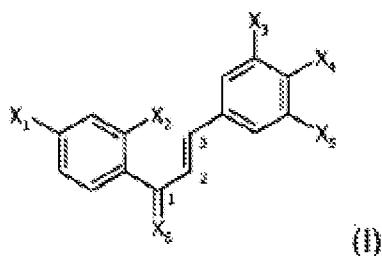
said group 1 substituents being selected from the group consisting of -COOR₆ and -CONR₆R₇,

said group 2 substituents being selected from the group consisting of -SO₃H and -SO₂NR₆R₇,

wherein R₆ and R₇, which are the same or different, are hydrogen, or an alkyl optionally substituted with at least one group 1 or group 2 substituent, and

the optical and geometric isomers, racemates, tautomers, salts, hydrates and mixtures thereof.

72. (Currently Amended) A compound of formula (I)



in which:

X₁ is -R₁,

X₂ is hydrogen, thionitroso, hydroxy, alkylcarbonyloxy, unsubstituted alkyloxy, thiol, alkylthio, alkylcarbonylthio, or sulfur when X₂ is bound to carbon 3 of the propene chain,

X₃ is -R₃ or -G₃-R₃,

X₄ is a halogen, thionitroso, -R₄ or -G₄-R₄,

X₅ is -R₅ or -G₅-R₅,

X₆ is oxygen, ~~NH, N-OH or N-alkyloxy,~~

R₃, R₄, and R₅, which are the same or different, are hydrogen, or alkyl optionally substituted by a group 1 or group 2 substituent,

R₁ is hydrogen, or alkyl optionally substituted by at least one group 1 substituent,

G₃, G₄, and G₅, which are the same or different, are oxygen or sulfur,

wherein at least one of X₃, X₄ or X₅ are G₃R₃, G₄R₄ or G₅R₅, respectively, none of the groups X₃, X₄ and X₅ are hydrogen, and at least one of R₁, R₃, R₄ and R₅ is an alkyl group containing at least one group 1 or group 2 substituent, said alkyl being bound directly to the ring bound to said X₃, X₄ or X₅, respectively, or said alkyl is attached to G₃, G₄ or G₅, respectively,

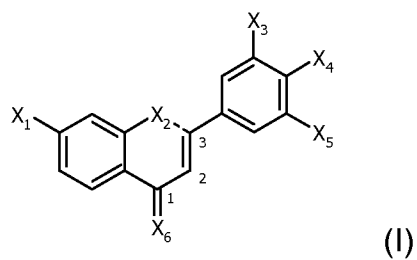
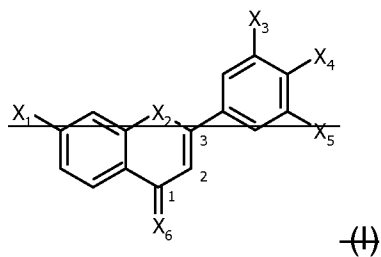
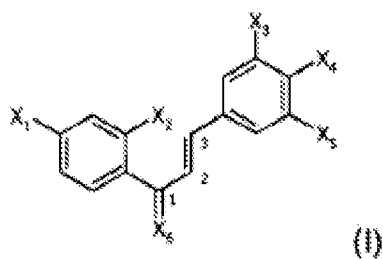
said group 1 substituents being selected from the group consisting of -COOR₆ and -CONR₆R₇,

said group 2 substituents being selected from the group consisting of -SO₃H and -SO₂NR₆R₇,

wherein R₆ and R₇, which are the same or different, are hydrogen, or alkyl optionally substituted by at least one group 1 or group 2 substituent, and

the optical and geometric isomers, racemates, tautomers, salts, hydrates and mixtures thereof.

73. (Currently Amended) A compound of formula (I)



in which :

X₁ is -G₁R₁ ,

X₂ is hydrogen, thionitroso, hydroxy, alkylcarbonyloxy, unsubstituted alkyloxy, thiol, alkylthio, alkylcarbonylthio, ~~or sulphur when X₂ is bound to carbon 3 of the propene chain,~~

X₃ is -R₃ or -G₃-R₃,

X₄ is a halogen, thionitroso, -R₄ or -G₄-R₄,

X₅ is -R₅ or -G₅-R₅,

X₆ is oxygen, ~~NH, N-OH or N-alkyloxy,~~

R₃, R₄, and R₅, which are the same or different, are hydrogen, or an alkyl optionally substituted by a group 1 or group 2 substituent,

R₁ is hydrogen or a C₄ to C₂₄ alkyl group optionally substituted by at least one group 1 or group 2 substituent,

G₁, G₃, G₄, and G₅, which are the same or different, are oxygen or sulfur,

wherein none of X₃, X₄ and X₅ are hydrogen, and at least one of R₁, R₃, R₄ or R₅ is an alkyl substituted by at least one group 1 or group 2 substituent, said alkyl being bound directly to the ring attached to said X₃, X₄ and X₅, respectively, or said alkyl is attached to G₃, G₄ or G₅, respectively,

said group 1 substituents being selected from the group consisting of -COOR₆ and -CONR₆R₇,

said group 2 substituents being selected from the group consisting of $-\text{SO}_3\text{H}$ and $-\text{SO}_2\text{NR}_6\text{R}_7$, wherein R_6 and R_7 , which are the same or different, are hydrogen, or an alkyl optionally substituted by at least one group 1 or group 2 substituent, and

the optical and geometric isomers, racemates, tautomers, salts, hydrates and mixtures thereof.

74. (Previously Presented) The compound according to claim 69, wherein none of X_3 , X_4 and X_5 is hydrogen.

75. (Previously Presented) The compound according to claim 69, wherein one or two of X_3 , X_4 and X_5 is hydrogen.

76. (Previously Presented) The compound of according to claim 69, 70 or 73, wherein both G_1 and G_4 are sulfur.

77. (Previously Presented) The compound according to claim 69, 70, 71, 72 or 73, wherein X_2 is hydrogen, thionitroso, hydroxy, alkyloxy, thiol, or alkylthio.

78. (Previously Presented) The compound according to claim 69, 70, 71, 72 or 73, wherein X_4 is thionitroso, $-\text{R}_4$, or $-\text{G}_4-\text{R}_4$ and X_2 is thionitroso, hydroxy, alkyloxy, thiol or alkylthio.

79. (Previously Presented) The compound according to claim 69, wherein X_1 is $-\text{R}_1$ or $-\text{G}_1-\text{R}_1$, and R_1 is an alkyl substituted by a group 1 substituent.

80. (Previously Presented) The compound according to claim 69, 70 or 73, wherein X_1 is $-G1-R1$.

81. (Previously Presented) The compound according to claim 69, 70, or 73, wherein X_1 is $-G1-R1$ and $G1$ is oxygen.

82. (Previously Presented) The compound according to claim 69 or 70, wherein X_1 is $-R1$ or $-G1-R1$, and $R1$ is an alkyl substituted by a group 2 substituent.

83. (Previously Presented) The compound according to claim 69, 70, 71, 72 or 73, wherein X_3 is $-R3$ or $-G3-R3$, and $R3$ is an alkyl substituted by a group 1 substituent.

84. (Previously Presented) The compound according to claim 69, 70, 71, 72 or 73, wherein X_3 is $-R3$ or $-G3-R3$, and $R3$ is an alkyl substituted by a group 2 substituent.

85. (Previously Presented) The compound according to claim 69, 70, 71, 72 or 73, wherein X_4 is $-R4$ or $-G4-R4$ and $R4$ is an alkyl substituted by a group 1 substituent.

86. (Previously Presented) The compound according to claim 69, 70, 71, 72 or 73, wherein X_4 is $-G4-R4$ group.

87. (Previously Presented) The compound according to claim 69, 70, 71, 72 or 73, wherein X_4 is $-G4-R4$ and $G4$ is oxygen.

88. (Previously Presented) The compound according to claim 69, 70, 71, 72 or 73, wherein X_4 is $-G_4-R_4$, G_4 is oxygen, and X_3 is R_3 or G_3R_3 or X_5 is R_5 or G_5R_5 wherein R_3 and R_5 , which may be different, are an alkyl groups containing a group 1 substituent.

89. (Previously Presented) The compound according to claim 69, 70, 71, 72 or 73, wherein X_4 is $-R_4$ or $-G_4-R_4$ wherein R_4 is an alkyl group substituted by a group 2 substituent.

90. (Previously Presented) The compound according to claim 69 or 70 wherein X_1 is a halogen.

Claim 91. (Cancelled)

92. (Previously Presented) The compound according to claim 70, 71, 72 or 73 wherein X_3 , X_4 or X_5 is $OC(CH_3)_2COOR_6$.

93. (Previously Presented) The compound according to claim 69, wherein X_1 , X_3 , X_4 or X_5 represents $OC(CH_3)_2COOR_6$.

94. (Previously Presented) The compound according to claim 70, 71, 72 or 73, wherein X_3 , X_4 or X_5 represents $SC(CH_3)_2COOR_6$.

95. (Previously Presented) The compound according to claim 69, wherein X_1 , X_3 , X_4 or X_5 represents $SC(CH_3)_2COOR_6$.

96. (Previously Presented) A compound selected in the group consisting of:

1-[2-hydroxy-4-carboxydimethylmethoxyphenyl]-3-[3,5-di*tert*butyl-4-hydroxyphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-ethoxycarbonyldimethylmethoxyphenyl]-3-[3,5-di*tert*butyl-4-hydroxyphenyl]prop-2-en-1-one,

1-[2-hydroxyphenyl]-3-[3-carboxydimethylmethoxy-4-hydroxy-5-*tert*butylphenyl]prop-2-en-1-one,

1-[2-hydroxyphenyl]-3-[3-*isopropyl*oxycarbonyldimethylmethoxy-4-hydroxy-5-*tert*butylphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-chlorophenyl]-3-[3-carboxydimethylmethoxy-4-hydroxy-5-*tert*butylphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-chlorophenyl]-3-[3-*isopropyl*oxycarbonyldimethylmethoxy-4-hydroxy-5-*tert*butylphenyl]prop-2-en-1-one,

1-[2-hydroxyphenyl]-3-[3-carboxydimethylmethyl-4-hydroxy-5-*tert*butylphenyl]prop-2-en-1-one,

1-[2-hydroxyphenyl]-3-[3-*isopropyl*oxycarbonyldimethylmethyl-4-hydroxy-5-*tert*butylphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-chlorophenyl]-3-[3-carboxydimethylmethyl-4-hydroxy-5-*tert*butylphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-chlorophenyl]-3-[3-*isopropoxy*carbonyldimethylmethyl-4-hydroxy-5-*tert*butylphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-chlorophenyl]-3-[3,5-dimethoxy-4-carboxydimethylmethyloxyphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-chlorophenyl]-3-[3,5-dimethoxy-4-*isopropoxy*carbonyldimethylmethyloxyphenyl]prop-2-en-1-one,

1-[2-hydroxyphenyl]-3-[3,5-dimethoxy-4-carboxydimethylmethyloxyphenyl]prop-2-en-1-one,

1-[2-hydroxyphenyl]-3-[3,5-dimethoxy-4-*isopropoxy*carbonyldimethylmethyloxyphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-carboxydimethylmethyloxyphenyl]-3-[3,5-di-methoxy-4-hydroxyphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-*isopropoxy*carbonyldimethylmethyloxyphenyl]-3-[3,5-dimethoxy-4-hydroxyphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-chlorophenyl]-3-[3,4-dihydroxy-5-carboxydimethylmethyloxyphenyl] prop-2-en-1-one,

1-[2-hydroxy-4-chlorophenyl]-3-[3,4-dihydroxy-5-*isopropoxy*carbonyldimethylmethyloxyphenyl]- prop-2-en-1-one,

1-[2-hydroxy-4-carboxydimethylmethyloxyphenyl]-3-[3,5-dimethyl-4-hydroxyphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-*isopropyl*oxycarbonyldimethylmethyloxyphenyl]-3-[3,5-dimethyl-4-hydroxyphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-chlorophenyl]-3-[3,5-dimethyl-4-carboxydimethylmethyloxyphenyl]prop-2-en-1-one,

1-[2-hydroxy-4-chlorophenyl]-3-[3,5-dimethyl-4-*isopropyl*oxycarbonyldimethylmethyloxyphenyl]prop-2-en-1-one,

1-[2-hydroxyphenyl]-3-[3,5-dimethyl-4-carboxydimethylmethyloxyphenyl]prop-2-en-1-one,

1-[2-hydroxyphenyl]-3-[3,5-dimethyl-4-*isopropyl*oxycarbonyldimethylmethyloxyphenyl]prop-2-en-1-one,

1-[2-hydroxyphenyl]-3-[4-carboxydimethylmethylthiophenyl]prop-2-en-1-one,

1-[2-hydroxyphenyl]-3-[4-*isopropyl*oxycarbonyldimethylmethylthiophenyl]prop-2-en-1-one,

1-[2-hydroxy-4-carboxydimethylmethyloxyphenyl]-3-[4-methylthiophenyl]prop-2-en-1-one,

1-[4-chlorophenyl]-3-[3,5-dimethyl-4-*tertbutyl*oxycarbonyldimethylmethyloxyphenyl]prop-2-en-1-one,

1-[4-chlorophenyl]-3-[3,5-dimethyl-4-
isopropoxyloxycarbonyldimethylmethoxyphenyl]prop-2-en-1-one,

1-[4-chlorophenyl]-3-[3,5-dimethyl-4-carboxydimethylmethoxyphenyl]prop-2-en-
1-one,

1-[4-chloro-2-hydroxyphenyl]-3-[4-carboxydimethylmethylthiophenyl]prop-2-en-1-
one,

1-[4-carboxydimethylmethoxyphenyl]-3-[3,5-dimethyl-4-hydroxyphenyl]prop-2-
en-1-one,

1-[4-methylthiophenyl]-3-[4-carboxydimethylmethoxyphenyl]prop-2-en-1-one,

1-[4-carboxydimethylmethylthiophenyl]-3-[4-methylthiophenyl]prop-2-en-1-one,

1-[2-hydroxy-4-bromophenyl]-3-[3,5-dimethyl-4-
carboxydimethylmethoxyphenyl]prop-2-en-1-one,

1-[4-carboxydimethylmethoxyphenyl]-3-[4-methylthiophenyl]prop-2-en-1-one,

1-[4-methylthiophenyl]-3-[3,5-dimethyl-4-
tertbutyloxycarbonyldimethylmethoxyphenyl]prop-2-en-1-one,

1-[4-methylthiophenyl]-3-[3,5-dimethyl-4-
isopropoxyloxycarbonyldimethylmethoxyphenyl]prop-2-en-1-one,

1-[4-methylthiophenyl]-3-[3,5-dimethyl-4-carboxydimethylmethoxyphenyl]prop-2-en-1-one,

1-[2-methoxyphenyl]-3-[3,5-dimethyl-4-tertbutyloxycarbonyldimethylmethoxyphenyl]prop-2-en-1-one,

1-[2-methoxyphenyl]-3-[3,5-dimethyl-4-carboxydimethylmethoxyphenyl]prop-2-en-1-one,

1-[4-hexyloxyphenyl]-3-[3,5-dimethyl-4-tertbutyloxycarbonyldimethylmethoxyphenyl]prop-2-en-1-one,

1-[4-hexyloxyphenyl]-3-[3,5-dimethyl-4-carboxydimethylmethoxyphenyl]prop-2-en-1-one,

1-[2-methoxy-4-chlorophenyl]-3-[3,5-dimethyl-4-tertbutyloxycarbonyldimethylmethoxyphenyl]prop-2-en-1-one,

1-[2-methoxy-4-chlorophenyl]-3-[3,5-dimethyl-4-carboxydimethylmethoxyphenyl]prop-2-en-1-one,

1-[4-heptylphenyl]-3-[3,5-dimethyl-4-tertbutyloxycarbonyldimethylmethoxyphenyl]prop-2-en-1-one,

1-[4-heptylphenyl]-3-[3,5-dimethyl-4-carboxydimethylmethoxyphenyl]prop-2-en-1-one,

1-[4-bromophenyl]-3-[3,5-dimethyl-4-
tertbutyloxycarbonyldimethylmethyloxyphenyl]prop-2-en-1-one,

1-[4-bromophenyl]-3-[3,5-dimethyl-4-carboxydimethylmethyloxyphenyl]prop-2-en-
1-one, and

1-[2-hydroxy-4-isopropyloxycarbonyldimethylmethyloxyphenyl]-3-[3,5-ditertbutyl-
4-hydroxyphenyl]prop-2-en-1-one.

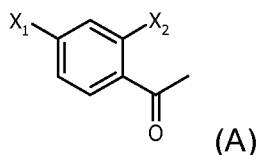
97. (Previously Presented) A compound selected in the group consisting of:

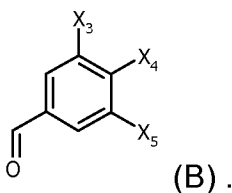
1-[4-methylthiophenyl]-3-[3,5-dimethyl-4-carboxydimethylmethyloxyphenyl]prop-
2-en-1-one,

1-[4-hexyloxyphenyl]-3-[3,5-dimethyl-4-carboxydimethylmethyloxyphenyl]prop-2-
en-1-one, and

1-[4-bromophenyl]-3-[3,5-dimethyl-4-carboxydimethylmethyloxyphenyl]prop-2-en-
1-one.

98. (Currently Amended) A method for preparing a compound of claim 69, 70, 71, 72 or 73, comprising contacting in basic or acidic medium at least one compound corresponding to formula (A) with at least one compound corresponding to formula (B) [1,1] :





99. (Previously Presented) A pharmaceutical composition comprising, in a pharmaceutically acceptable support, at least one compound of claim 69, 70, 71, 72 or 73.

Claim 100. (Cancelled)

101. (Currently Amended) A pharmaceutical composition comprising, in a pharmaceutically acceptable support, at least one compound of claim 69, 70, 71, 72 or 73, in a form for the treatment ~~or prophylaxis~~ of a cerebral ischemia.

102. (Currently Amended) A pharmaceutical composition comprising, in a pharmaceutically acceptable support, at least one compound of claim 69, 70, 71, 72 or 73, in a form for the treatment ~~or prophylaxis~~ of a hemorrhagic stroke.

Claim 103. (Canceled)

104. (new) A method of treatment of a cerebral ischemia comprising administering, to a subject in need of such treatment, at least one compound of claims 69, 70, 71, 72 or 73.

105. (new) A method of treatment of a hemorrhagic stroke comprising administering, to a subject in need of such treatment, at least one compound of claims 69, 70, 71, 72 or 73.

106. (new) A method for neuroprotection in cerebral ischemia comprising administering, to a subject in need of such neuroprotection, at least one compound of claims 69, 70, 71, 72 or 73.